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TITLE: DATA BASE MANAGING SYSTEM CAPABLE OF
PREVIOUSLY

                       DETECTING DEADLOCK

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ABSTRACT:

    PROBLEM TO BE SOLVED: To provide a data base managing system
capable of
previously detecting deadlock.

    SOLUTION: Before locking a certain processing object resource
through a
processing session A, a processing session to be the factor disabling
the lock
of that processing object resource is retrieved. The processing
session of the
factor is retrieved as sessions B, C and D. In this case, the
processing
session D is under wait processing waiting the unlock of the other
processing
sessions and the processing session of that factor is retrieved as
the
processing session A. Therefore, when the processing session A is

turned into
wait state waiting the unlock of that processing object resource, the
processing session A waits for the unlock of the processing session D
and it
can be previously discrimianted the processing session D is turned
into
deadlock waiting the unlock of the processing session A.